

1. Record Nr.	UNINA9910453221203321
Autore	Gibb Timothy J
Titolo	Arthropod collection and identification [[electronic resource]] : field and laboratory techniques // Timothy J. Gibb, Christian Y. Oseto
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Academic Press, c2006
ISBN	1-281-79537-2 9786611795375 0-08-091925-1
Descrizione fisica	1 online resource (325 p.)
Altri autori (Persone)	OsetoC. Y
Disciplina	595 595.7075 595.7075 22
Soggetti	Arthropoda - Collection and preservation Arthropoda Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Arthropod Collection and Identification Field and Laboratory Techniques; Copyright Page; Contents; Preface; Part 1: Basic Tools and General Techniques; Introduction; Chapter 1. Equipment and Collecting Methods; 1.1 Equipment; 1.2 Collecting Nets; 1.3 Killing Containers and Agents; 1.4 Aspirators and Suction Devices; 1.5 Other Collection Devices; 1.6 Traps; 1.7 Baits, Lures, and Other Attractants; 1.8 Pheromones and Other Attractants; 1.9 Collecting Aquatic Insects; 1.10 Collecting Soil Insects; 1.11 Collecting Ectoparasites; 1.12 Collecting Regulated Insects 1.13 Collecting Insects for Pest Management Audits 1.14 Collecting Insects for Medico-Criminal Investigations; 1.15 Rearing; 1.16 Collecting Insects for Molecular Research; Chapter 2. Agents for Killing and Preserving; Chapter 3. Storage of Specimens; 3.1 Temporary Storage; 3.2 Mounting Specimens; 3.3 Labeling; 3.4 Care of the Collection; 3.5. Packaging and Shipping Specimens; Part 2: Classification of Insects and mites; Introduction; Chapter 4. Classification of Insects and Mites; 4.1 Key to Classes of Arthropoda;

4.2 Class Arachnida; 4.3 Subclass Acari
4.4 Classes Diplopoda, Chilopoda, Pauropoda, and Symphyla
4.5 Class Crustacea; 4.6 Class Hexopoda (Insecta); Chapter 5. Synopsis of Insect Orders; 5.1 Subclass Class Entognatha: Primitive Wingless Hexapods; 5.2. Subclass Ectognatha: Primitive Wingless Hexapods; 5.3 Subclass Pterygota (Insecta): Winged and Secondarily Wingless Insects; 5.4 Key to Orders of Hexapoda (Insects); Chapter 6. Descriptions of Hexapod Orders; 6.1 Protura; 6.2 Diplura; 6.3 Collembola; 6.4 Microcoryphia; 6.5 Thysanura; 6.6 Ephemeroptera; 6.7 Odonata; 6.8 Orthoptera; 6.9 Blattodea; 6.10 Mantodea; 6.11 Phasmatodea
6.12 Gryllblattodea
6.13 Dermaptera; 6.14 Isoptera; 6.15 Embiidina;
6.16 Plecoptera; 6.17 Psocoptera; 6.18 Zoraptera; 6.19 Mallophaga;
6.20 Anoplura; 6.21 Thysanoptera; 6.22 Hemiptera; 6.23 Homoptera;
6.24 Coleoptera; 6.25 Strepsiptera; 6.26 Mecoptera; 6.27 Neuroptera;
6.28 Tricoptera; 6.29 Lepidoptera; 6.30 Diptera; 6.31 Siphonaptera;
6.32 Hymenoptera; Summary; GLOSSARY; REFERENCES; APPENDIX; I
Liquid Preservation Formulas; II Guidelines for Mounting Small and Soft-Bodied Specimens (SEL); III Directory- State Extension Service Directors and Administrators
IV Submitting Specimens for Identification (SEL) INDEX

Sommario/riassunto

Arthropods are the most numerous and diverse group of animals and studying them requires the use of specialized equipment and specific procedures. This text describes effective methods and equipment for collecting, identifying, rearing, examining, and preserving insects and mites, and explains how to store and care for specimens in collections. It also provides instructions for the construction of many kinds of collecting equipment, traps, rearing cages, and storage units, as well as updated and illustrated keys for identification of the classes of arthropods and the orders of insects. Such
